

DPM 6134

DESOTO, INC.

MATERIAL SAFETY DATA SHEET

NPCA 1-72

FOR COATINGS, RESINS, AND RELATED MATERIALS

(APPROVED BY US DEPARTMENT OF LABOR "ESSENTIALLY SIMILAR" TO FORM OSHA-20)  
SECTION I

DESOTO, INC.

ADMINISTRATIVE AND RESEARCH CENTER

1700 S. MT. PROSPECT ROAD  
DES PLAINES, ILLINOIS 60018

EMERGENCY TELEPHONE (312) 391-9000

PRODUCT CLASS

EPOXY

MANUFACTURERS CODE IDENTIFICATION  
513X396

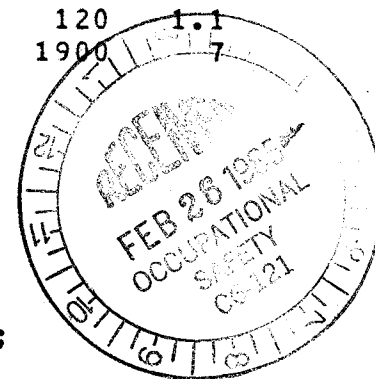
TRADE NAME

COMPLIANCE PRIMER  
SUPERSEDES 11/20/84 MSDS

DATE OF PREPARATION 12/05/84

\*\*\*\*\* SECTION II-HAZARDOUS INGREDIENTS \*\*\*\*\*

INGREDIENT	% BY* WEIGHT	PPM	TLV	MG/CU.M	LEL	VAPOR PRESSURE @ 20 DEG C
IRON OXIDE PIGMENT	5.0			5 AS FE	NA	NA
STRONTIUM CHROMATE PIGMENT	5.0			0.05 AS CR	NA	NA
2-BUTOXYETHANOL-SKIN	15.0	25		120	1.1	0.6
1,1,1-TRICHLOROETHANE	20.0	350		1900	7	100



\* PERCENT BY WEIGHT:

TO NEAREST 5%, PLUS OR MINUS 5%, FOR SUBSTANCES 5-95%;

&lt;5.0 FOR SUBSTANCES 0.5-5.0%;

&lt;0.5 FOR SUBSTANCES 0.0-0.5%.

NE = NOT ESTABLISHED

NA = NOT APPLICABLE

\*\*\*\*\* SECTION III-PHYSICAL DATA \*\*\*\*\*

PROPERTY	MEASUREMENT
BOILING RANGE	165.0 TO 340.0 DEG F. 74.0 TO 171.0 DEG C. @760 MM HG
VAPOR DENSITY	X HEAVIER LIGHTER THAN AIR
WEIGHT PER GALLON	11.8 LBS.
PERCENT VOLATILE BY VOLUME	50.7
EVAPORATION RATE	FASTER X SLOWER THAN ETHER

12/05/84

## \*\*\*\*\* SECTION IV-FIRE AND EXPLOSION DATA \*\*\*\*\*

DOT CATEGORY COMBUSTIBLE LIQUID FLASH POINT 165.0 DEG F.  
OSHA CATEGORY COMBUSTIBLE LIQUID-CLASS III A (CLOSED CUP) 73.9 DEG C.

LOWER EXPLOSIVE LIMIT SEE II

EXTINGUISHING MEDIA: USE NATIONAL FIRE PROTECTION ASSOCIATION CLASS B  
EXTINGUISHERS (CARBON DIOXIDE, DRY CHEMICAL OR FOAM).

UNUSUAL FIRE AND EXPLOSION HAZARDS: KEEP CONTAINERS TIGHTLY CLOSED. ISOLATE  
FROM HEAT, ELECTRICAL EQUIPMENT, SPARKS AND OPEN FLAME. CLOSED CONTAINERS MAY  
EXPLODE WHEN EXPOSED TO EXTREME HEAT. DO NOT APPLY TO HOT SURFACES.  
SPECIAL FIRE FIGHTING PROCEDURES: WATER SPRAY MAY BE INEFFECTIVE. WATER MAY  
BE USED TO COOL CLOSED CONTAINERS TO PREVENT PRESSURE BUILD-UP AND POSSIBLE  
AUTO IGNITION OR EXPLOSION WHEN EXPOSED TO EXTREME HEAT. IF WATER IS USED, FOG  
NOZZLES ARE PREFERABLE. WEAR NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS  
AND PROTECTIVE CLOTHING TO PREVENT CONTACT WITH SKIN AND EYES.

## \*\*\*\*\* SECTION V-HEALTH HAZARD DATA \*\*\*\*\*

THRESHOLD LIMIT VALUE: SEE II (NOT ESTABLISHED FOR PRODUCT)

## EFFECTS OF OVEREXPOSURE:

INHALATION: ANESTHETIC. IRRITATION OF THE RESPIRATORY TRACT OR ACUTE NERVOUS  
SYSTEM DEPRESSION CHARACTERIZED BY HEADACHE, DIZZINESS, STAGGERING GAIT,  
CONFUSION, UNCONSCIOUSNESS OR COMA.

SKIN OR EYE CONTACT: PRIMARY IRRITATION.

EMERGENCY AND FIRST AID PROCEDURES: INHALATION: REMOVE FROM EXPOSURE.  
RESTORE BREATHING. KEEP WARM AND QUIET. NOTIFY A PHYSICIAN. SKIN CONTACT:  
WASH AFFECTED AREAS WITH WATER. REMOVE CONTAMINATED CLOTHING. CONSULT A  
PHYSICIAN. EYE CONTACT: FLUSH WITH WATER FOR 15 MINUTES. CONSULT A PHYSICIAN.  
INGESTION: CONSULT A PHYSICIAN.

## \*\*\*\*\* SECTION VI-REACTIVITY DATA \*\*\*\*\*

STABILITY: UNSTABLE X STABLE

INCOMPATIBILITY (MATERIALS TO AVOID):

SLOW HYDROLYSIS MAY EVENTUALLY PRODUCE CORROSIVE ACID.

HAZARDOUS DECOMPOSITION PRODUCTS: PRODUCTS OF COMBUSTION ARE HAZARDOUS.  
MAY INCLUDE HYDROGEN CHLORIDE AND POSSIBLY SMALL AMOUNTS OF PHOSGENE AND  
CHLORINE.

HAZARDOUS POLYMERIZATION: MAY OCCUR X WILL NOT OCCUR

CONDITIONS TO AVOID:

12/05/84

## \*\*\*\*\* SECTION VII-SPILL OR LEAK PROCEDURES\*\*\*\*\*

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: REMOVE ALL SOURCES OF IGNITION. AVOID BREATHING VAPORS. VENTILATE AREA. REMOVE WITH INERT ABSORBENT AND NON-SPARKING TOOLS.

WASTE DISPOSAL METHODS: DISPOSE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. INCINERATE IN APPROVED FACILITY. DO NOT INCINERATE CLOSED CONTAINERS.

## \*\*\*\*\*SECTION VIII-SPECIAL PROTECTION INFORMATION\*\*\*\*\*

## RESPIRATORY PROTECTION:

IF EXPOSURE EXCEEDS OCCUPATIONAL EXPOSURE LIMITS INDICATED IN SECTION II USE NIOSH/MSHA APPROVED ORGANIC VAPOR RESPIRATOR. IN CONFINED AREAS USE NIOSH/MSHA APPROVED AIR LINE TYPE RESPIRATORS OR HOODS.

VENTILATION: WHERE EMPLOYEES MAY BE EXPOSED, PROVIDE GENERAL DILUTION OR LOCAL EXHAUST VENTILATION IN VOLUME AND PATTERN TO KEEP LEVEL OF HAZARDOUS INGREDIENTS IN SECTION II BELOW RECOMMENDED (ACGIH) OR REGULATED (OSHA) LIMIT. WHERE EMPLOYEES WILL NOT BE EXPOSED, KEEP LEL IN SECTION II BELOW 25% OF LIMIT.

PROTECTIVE GLOVES:                RECOMMENDED                X    REQUIRED

EYE PROTECTION: USE SAFETY EYEWARE DESIGNED TO PROTECT AGAINST SPLASH OF LIQUIDS.

OTHER PROTECTIVE EQUIPMENT: AVOID SKIN CONTACT BY USE OF OTHER PROTECTIVE CLOTHING. A SAFETY SHOWER, AN EYE BATH AND WASHING FACILITIES SHOULD BE AVAILABLE.

## \*\*\*\*\* SECTION IX-SPECIAL PRECAUTIONS\*\*\*\*\*

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: DO NOT STORE ABOVE 120 DEG. F. STORE LARGE QUANTITIES IN BUILDINGS DESIGNED FOR STORAGE OF FLAMMABLE LIQUIDS.

OTHER PRECAUTIONS: DO NOT TAKE INTERNALLY. CONTAINERS SHOULD BE GROUNDED WHEN POURING. AVOID FREE FALL OF LIQUID IN EXCESS OF A FEW INCHES.

CONTACT BETWEEN 1,1,1-TRICHLOROETHANE AND LIQUID HANDLING EQUIPMENT CONSTRUCTED OF ALUMINUM MAY CAUSE AN EXPLOSIVE REACTION. CONSULT EQUIPMENT SUPPLIER TO BE CERTAIN THAT THE EQUIPMENT USED TO HANDLE THIS MATERIAL IS COMPATIBLE WITH 1,1,1-TRICHLOROETHANE.

VAPORS OF THIS PRODUCT ARE HEAVIER THAN AIR AND MAY COLLECT IN LOW OR CONFINED AREAS. DO NOT ENTER SUCH AREAS WITHOUT FOLLOWING APPROPRIATE PROCEDURES INCLUDING AIR MONITORING, USE OF SUPPLIED AIR IF NECESSARY AND THE PRESENCE OF AN OBSERVER FOR ASSISTANCE.

DO NOT SAND, FLAME CUT, BRAZE OR WELD THE DRY COATING WITHOUT NIOSH APPROVED RESPIRATOR OR APPROPRIATE VENTILATION.

OBSERVE PRECAUTIONARY LABEL WARNINGS.

PREPARED BY S. M. STEVENSON

BOE-C6-0225571